Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	(156/345.55).ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
L2	44	1 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:59
L3	108	(ji near soo near kim).in. or (tae near hyuk near ahn).in. or (won near seok near lee).in.	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
L4	43	3 and gas	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
S1	1	"20040185664"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:47
S2	11	(("4073289") or ("5769790") or ("6103455") or ("5562801") or ("6063548") or ("5780338") or ("5914279") or ("6136695") or ("6107140") or ("4654112") or ("5705419")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 09:25
S3	2	"02262334"	EPO; JPO; DERWENT	OR	ON	2005/11/02 09:26
S4	1	"6719808".pn.	US-PGPUB; USPAT	OR	ON	2005/11/02 09:39
S 5	13	("4073289" "4654112" "5458734" "5562801" "5705419" "5769790" "5780338" "5914279" "6063548" "6103455" "6107140" "6136695" "6162367").PN. OR ("6719808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 09:40
S6	12	(US-6162367-\$ or US-6136695-\$ or US-6107140-\$ or US-6103455-\$ or US-6063548-\$ or US-5914279-\$ or US-5780338-\$ or US-5769790-\$ or US-5705419-\$ or US-5458734-\$ or US-4654112-\$).did.	USPAT	OR	ON	2005/11/02 09:45
S7	2	S6 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S8	336	156/345.33.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 12:46
S9	95	S8 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
S10	905738	(h01l021/\$.ipc. or c23c016/\$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:35
S11	810	S10 and (rotat\$6 or spin\$4) and gas and etch\$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
S12	5	S10 and (rotat\$6 or spin\$4) and gas and etch\$3 and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S13	31	S10 and (rotat\$6 or spin\$4) and gas and etch\$3 and fluorine	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:39

S14	1503	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and gas and etch\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 13:03
S15	176	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S16	64	S15 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
S17	602	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and (gas same (horizontal or parallel))	US-PGPUB; USPAT	OR	ON	2005/11/02 13:04
S18	295	S17 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S19	23	S18 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S20	46	S10 and (rotat\$6 or spin\$4) and gas and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:19
S21	8782	(substrate or wafer) same (rotat\$6 or spin\$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
S22	4766	(substrate or wafer) near7 (rotat\$6 or spin\$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 14:06
S23	22312	(118/715-733).ccls. or 156/345.\$2. ccls. or 204/192.\$2.ccls. or 204/298. \$2.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S24	419	S22 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S25	178	S24 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S26	70	("5078851" "5156820" "5294778" "5582866" "5855675" "5935338"). PN. OR ("6174377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:06
S27	1	"5855680".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S28	1	"5879459".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S29	32	S18 and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S30	9	S29 not S19	US-PGPUB; USPAT	OR	ON	2005/11/02 15:09
S31	2	S6 and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S32	5	S10 and (rotat\$6 or spin\$4) and gas and etch\$3 and puls\$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S33	228	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and gas and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S34	83	S33 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16

19	S34 not S16	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
59	S10 and (rotat\$6 or spin\$4) and gas and puls\$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:20
13	S36 not S20	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:20
10550	(substrate or wafer) same (rotat\$6 or spin\$4) and gas and puis\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
799	S38 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
349	S39 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
7	(("6162367") or ("5458734") or ("4314875") or ("4498953") or ("5786242") or ("5851861") or ("5719068")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 15:48
217	(ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near7 (rotat\$4 or spin\$3))	US-PGPUB; USPAT	OR	ON	2005/11/02 17:44
130	(ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near (rotat\$4 or spin\$3))	US-PGPUB; USPAT	OR	ON	2005/11/02 17:44
1	S43 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 17:46
86	156/345.55.ccls. and gas	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
38	S45 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
664	118/730.ccls. and gas	US-PGPUB; USPAT	OR	ON	2005/11/04 13:26
511	S47 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:41
44	S48 and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/04 14:02
905738	(h01l021/\$.ipc. or c23c016/\$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
109	S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 15:58
12	"6162367"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:26
1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 15:26
	59 13 10550 799 349 7 217 130 1 86 38 664 511 44 905738 109	59 S10 and (rotat\$6 or spin\$4) and gas and puls\$3 13 S36 not S20 10550 (substrate or wafer) same (rotat\$6 or spin\$4) and gas and puls\$3 799 S38 and S23 349 S39 and @ad<"19991027" 7 (("6162367") or ("5458734") or ("4314875") or ("4498953") or ("5786242") or ("5851861") or ("5719068")).PN. 217 (ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near7 (rotat\$4 or spin\$3)) 130 (ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near (rotat\$4 or spin\$3)) 1 S43 and @ad<"19991027" 86 156/345.55.ccls. and gas 38 S45 and @ad<"19991027" 44 S48 and puls\$3 (h01l021/\$.ipc. or c23c016/\$.ipc.) 550 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3 12 "6162367"	USPAT	SPAT SIO and (rotat\$6 or spin\$4) and gas and puls\$3 SPAT SPAT SIO and puls\$3 SPAT SPAT SPAT SPAT SIO and puls\$3 SPAT S	S10 and (rotat\$6 or spin\$4) and gas and puls\$3 EPC; JPO; DCRWENT

	·			·		
S57	14	("4310380" "4498953" "4695700" "4749440").PN. OR ("6162367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:38
S58	2998	(etch\$4 same puls\$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:43
S59	723	(etch\$4 near7 puls\$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:39
S60	304	(etch\$4 near7 puls\$3) and gas and (rotat\$4 or spin\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S61	132	S60 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:45
S62	6218	etch\$4 and (puls\$3 same gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S63	3058	S62 and (rotat\$4 or spin\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S64	1455	etch\$4 and (puls\$3 near3 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S65	641	S64 and (rotat\$4 or spin\$4)	US-PGPUB; USPAT; USOCR	OR:	ON	2005/11/04 15:45
S66	199	S65 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:59
S67	723	(etch\$4 near7 puls\$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S68	26903	((rotat\$6 or spin\$4) near (substrate or wafer or susceptor))	US-PGPUB; USPAT	OR	ON	2005/11/04 15:58
S69	24	S64 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39
S70	2536	etch\$4 and (puls\$3 near7 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S71	33	S70 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S72	9	S71 not S69	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S73	3	"02001121"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S74	3	"06084864"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:12
S75	2	"01150074"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16

S76	2	"01224572"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S77	1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S78	50	(puff near valve)	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S79	25	S78 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	(156/345.55).ccls.	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
L2	44	1 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:59
L3	108	(ji near soo near kim).in. or (tae near hyuk near ahn).in. or (won near seok near lee).in.	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
L4	43	3 and gas	US-PGPUB; USPAT	OR	ON	2005/11/12 13:02
S1	1	"20040185664"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:47
S2	11	(("4073289") or ("5769790") or ("6103455") or ("5562801") or ("6063548") or ("5780338") or ("5914279") or ("6136695") or ("6107140") or ("4654112") or ("5705419")).PN.	US-PGPUB; USPAT	OR	OFF	2005/11/02 09:25
S3	2	"02262334"	EPO; JPO; DERWENT	OR	ON	2005/11/02 09:26
S4	1	"6719808".pn.	US-PGPUB; USPAT	OR	ON	2005/11/02 09:39
S5	13	("4073289" "4654112" "5458734" "5562801" "5705419" "5769790" "5780338" "5914279" "6063548" "6103455" "6107140" "6136695" "6162367").PN. OR ("6719808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 09:40
S6	12	(US-6162367-\$ or US-6136695-\$ or US-6107140-\$ or US-6103455-\$ or US-6063548-\$ or US-5914279-\$ or US-5780338-\$ or US-5769790-\$ or US-5705419-\$ or US-5458734-\$ or US-4654112-\$).did.	USPAT	OR	ON	2005/11/02 09:45
S7	2	S6 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S8	336	156/345.33.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 12:46
S9	95	S8 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/12 12:57
S10	905738	(h01l021/\$.ipc. or c23c016/\$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:35
S11	810	S10 and (rotat\$6 or spin\$4) and gas and etch\$3	EPO; JPO; DERWENT	OR	ON	2005/11/04 14:27
S12	5	S10 and (rotat\$6 or spin\$4) and gas and etch\$3 and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S13	31	S10 and (rotat\$6 or spin\$4) and gas and etch\$3 and fluorine	EPO; JPO; DERWENT	OR	ON	2005/11/02 12:39

				_		
S14	1503	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and gas and etch\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 13:03
S15	176	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S16	64	S15 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16
S17	602	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and (gas same (horizontal or parallel))	US-PGPUB; USPAT	OR	ON	2005/11/02 13:04
S18	295	S17 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S19	23	S18 and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S20	46	S10 and (rotat\$6 or spin\$4) and gas and pulse	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:19
S21	8782	(substrate or wafer) same (rotat\$6 or spin\$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 15:21
S22	4766	(substrate or wafer) near7 (rotat\$6 or spin\$4) and gas and pulse	US-PGPUB; USPAT	OR	ON	2005/11/02 14:06
S23	22312	(118/715-733).ccls. or 156/345.\$2. ccls. or 204/192.\$2.ccls. or 204/298. \$2.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 14:09
S24	419	S22 and S23	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S25	178	S24 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:22
S26	70	("5078851" "5156820" "5294778" "5582866" "5855675" "5935338"). PN. OR ("6174377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:06
S27	1	"5855680".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S28	1	"5879459".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 15:07
S29	32	S18 and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:08
S30	9	S29 not S19	US-PGPUB; USPAT	OR	ON	2005/11/02 15:09
S31	2	S6 and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S32	5	S10 and (rotat\$6 or spin\$4) and gas and etch\$3 and puls\$3	EPO; JPO; DERWENT	OR	ON	2005/11/02 15:15
S33	228	156/345.\$2.ccls. and (rotat\$6 or spin\$4) and gas and puls\$3	US-PGPUB; USPAT	OR	ON	2005/11/02 15:15
S34	83	S33 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/02 15:16

S35		Ţ			·		
S37 13 S36 not S20 EPO, JPO; DERWENT OR DEPO; DERWENT OR DEPO; DERWENT OR DEPO; DERWENT OR DEPO; DEP	S35	19	S34 not S16		OR	ON	2005/11/02 15:16
S38 10550 (substrate or wafer) same (rotat\$6 or spin\$4) and gas and puls\$3 US-PGPUB; OR ON 2005/11/02 15:21 US-PGPUB; OR ON 2005/11/02 15:22 US-PGPUB; OR ON 2005/11/02 15:48 US-PGPUB; OR ON 2005/11/02 17:44 US-PGPUB; OR ON 2005/11/04 13:26 US-PGPUB; OR ON 2005/11/04 15:26 US-	S36 _.	59			OR	ON	2005/11/02 15:20
Spin\$4) and gas and puls\$3 USPAT OR	S37	13	S36 not S20		OR	ON	2005/11/02 15:20
S40 349 S39 and @ad<"19991027"	S38	10550			OR	ON	2005/11/02 15:21
S41	S39	799	S38 and S23		OR	ON	2005/11/02 15:22
("4314875") or ("4498953") or ("5786242") or ("5786242") or ("5786242") or ("5786242") or ("5786242") or ("579668").PN. S42 217 (ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near7 (rotat\$4 or spin\$3)) S43 130 (ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near (rotat\$4 or spin\$3)) S44 1 S43 and @ad<"19991027" US-PGPUB; OR ON 2005/11/02 17:46 S45 86 156/345.55.ccls. and gas US-PGPUB; OR ON 2005/11/04 13:26 USPAT S46 38 S45 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 13:26 USPAT S47 664 118/730.ccls. and gas US-PGPUB; OR ON 2005/11/04 13:26 S48 511 S47 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 13:26 S48 549 44 S48 and puls\$3 US-PGPUB; OR ON 2005/11/04 15:41 S49 44 S48 and puls\$3 US-PGPUB; OR ON 2005/11/04 15:41 S50 905738 (h01l021/\$.ipc. or c23c016/\$.ipc.) EPO; JPO; DERWENT S51 109 S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3 S55 12 "6162367" US-PGPUB; OR ON 2005/11/04 15:26 US-PGPUB; OR ON 2005/11/04 15:26 US-PGPUB; OR ON 2005/11/04 15:26	S40	349	S39 and @ad<"19991027"		OR	ON	2005/11/02 15:22
deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near7 (rotat\$4 or spin\$3)) S43 130 (ald or (atomic adj layer adj deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near (rotat\$4 or spin\$3)) S44 1 S43 and @ad<"19991027" US-PGPUB; USPAT S45 86 156/345.55.ccls. and gas US-PGPUB; OR ON 2005/11/02 17:46 USPAT S46 38 S45 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 13:26 S47 664 118/730.ccls. and gas US-PGPUB; OR ON 2005/11/04 13:26 S48 511 S47 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 13:26 S48 511 S47 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 15:41 S49 44 S48 and puls\$3 US-PGPUB; OR ON 2005/11/04 15:41 S50 905738 (h01l021/\$.ipc. or c23c016/\$.ipc.) EPO; JPO; DERWENT S51 109 S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3 S55 12 "6162367" US-PGPUB; OR ON 2005/11/04 15:26 S56 1 "6162367".pn. US-PGPUB; OR ON 2005/11/04 15:26	S41	7	("4314875") or ("4498953") or ("5786242") or ("5851861") or		OR	OFF	2005/11/02 15:48
deposition)) and puls\$3 and ((substrate or wafer or stage or susceptor) near (rotat\$4 or spin\$3)) S43 and @ad<"19991027" US-PGPUB; OR ON 2005/11/02 17:46 USPAT USPA	S42	217	deposition)) and puls\$3 and ((substrate or wafer or stage or	•	OR	ON	2005/11/02 17:44
S45 86 156/345.55.ccls. and gas US-PGPUB; OR ON 2005/11/04 13:26 USPAT S46 38 S45 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 13:26 USPAT S47 664 118/730.ccls. and gas US-PGPUB; OR ON 2005/11/04 13:26 USPAT S48 511 S47 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 15:41 USPAT S48 and puls\$3 US-PGPUB; OR ON 2005/11/04 15:41 USPAT S50 905738 (h01l021/\$.ipc. or c23c016/\$.ipc.) EPO; JPO; DERWENT S51 109 S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3 S55 12 "6162367" US-PGPUB; OR ON 2005/11/04 15:26 USPAT S56 1 "6162367",pn. US-PGPUB; OR ON 2005/11/04 15:26	S43	130	deposition)) and puls\$3 and ((substrate or wafer or stage or		OR	ON	2005/11/02 17:44
S46 38 S45 and @ad<"19991027" US-PGPUB; OR ON 2005/11/04 14:27 DERWENT S50 905738 (h01l021/\$.ipc. or c23c016/\$.ipc.) EPO; JPO; DERWENT S51 109 S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3 S55 12 "6162367" US-PGPUB; OR ON 2005/11/04 15:26 S56 1 "6162367".pn. US-PGPUB; OR ON 2005/11/04 15:26	S44	1	S43 and @ad<"19991027"		OR	ON	2005/11/02 17:46
S47 664 118/730.ccls. and gas US-PGPUB; USPAT ON 2005/11/04 13:26 USPAT US-PGPUB; USPAT ON 2005/11/04 13:26 USPAT ON 2005/11/04 15:41 USPAT OR ON 2005/11/04 15:41 USPAT OR ON 2005/11/04 14:02 USPAT OR ON 2005/11/04 14:02 USPAT OR ON 2005/11/04 14:27 DERWENT OR ON 2005/11/04 14:27 DERWENT OR ON 2005/11/04 15:58 DERWENT OR ON 2005/11/04 15:58 USPAT OR ON 2005/11/04 15:26	S45	86	156/345.55.ccls. and gas		OR	ON	2005/11/04 13:26
S48 S11 S47 and @ad < "19991027" US-PGPUB; OR ON 2005/11/04 14:02 DERWENT S50 S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3 US-PGPUB; US-PGPUB; US-PGPUB; OR ON 2005/11/04 15:26 US-PGPUB; OR ON 2005/11/04 US-PGPUB; OR ON 2005/	S46	38	S45 and @ad<"19991027"	1	OR	ON	2005/11/04 13:26
S49	S47	664	118/730.ccls. and gas		OR	ON	2005/11/04 13:26
S50 905738 (h01l021/\$.ipc. or c23c016/\$.ipc.) EPO; JPO; DERWENT OR ON 2005/11/04 14:27			S47 and @ad<"19991027"	,	OR	ON	2005/11/04 15:41
S51 109 S50 and ((rotat\$6 or spin\$4) near (substrate or wafer or susceptor)) and gas and etch\$3		44	S48 and puls\$3		OR	ON	2005/11/04 14:02
Substrate or wafer or susceptor)) and gas and etch\$3 US-PGPUB; USPAT US-PGPUB; OR ON 2005/11/04 15:26 US-PGPUB; OR ON 2005/11/04 US-PGPUB; OR ON 2005/			•		OR	ON	2005/11/04 14:27
S56 1 "6162367".pn. US-PGPUB; OR ON 2005/11/04 15:26	S51	109	(substrate or wafer or susceptor)) and		OR	ON	2005/11/04 15:58
01 01 01 01 01 01 01 01	S55	12	"6162367"		OR	ON	2005/11/04 15:26
	S56	1	"6162367".pn.	' '	OR	ON	2005/11/04 15:26

	r					
S57	14	("4310380" "4498953" "4695700" "4749440").PN. OR ("6162367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:38
S58	2998	(etch\$4 same puls\$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:43
S59	723	(etch\$4 near7 puls\$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:39
S60	304	(etch\$4 near7 puls\$3) and gas and (rotat\$4 or spin\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S61	132	S60 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:45
S62	6218	etch\$4 and (puls\$3 same gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S63	3058	S62 and (rotat\$4 or spin\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:44
S64	1455	etch\$4 and (puls\$3 near3 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S65	641	S64 and (rotat\$4 or spin\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:45
S66	199	S65 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 15:59
S67	723	(etch\$4 near7 puls\$3) and gas	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 15:58
S68	26903	((rotat\$6 or spin\$4) near (substrate or wafer or susceptor))	US-PGPUB; USPAT	OR	ON	2005/11/04 15:58
S69	24	S64 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39
S70	2536	etch\$4 and (puls\$3 near7 gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/04 16:06
S71	33	S70 and S68 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S72	9	S71 not S69	US-PGPUB; USPAT	OR	ON	2005/11/04 16:07
S73	3	"02001121"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S74	3	"06084864"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:12
S75	2	"01150074"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16

S76	2	"01224572"	EPO; JPO; DERWENT	OR	ON	2005/11/04 17:16
S77	1	"6162367".pn.	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S78	50	(puff near valve)	US-PGPUB; USPAT	OR	ON	2005/11/04 18:38
S79	25	S78 and @ad<"19991027"	US-PGPUB; USPAT	OR	ON	2005/11/04 18:39